

ECOLOGICAL CHARACTERISTICS OF BOTTOM
COMMUNITIES OF INVERTEBRATES OF THE SEA OF
OKHOTSK, BY A. I. SAVILOV, 115 PP.

RUSSIAN, PER, TRUDY INSTITUTA OKEANOLOGII,
AKADEMIYA NAUK SSR, VOL XLVI, 1961,
PP 3-84.

JPRS 178531

SCI - GEOPHYS

FEB 63

221,355

Instrument for Detecting Carbon Dioxide in Atmospheric
Air, by S. V. Lyutzaev, 7 pp.

RUSSIAN, per, Trudy Inst Okeanologii, Akad Nauk SSSR,
Vol XLVII, 1961, pp 199-200. 9666832

FID-TR-62-1190

Sci - Engr
Rev 62

116, 882

The Cultivation of Marine Planktonic Diatoms and
Benthopelagic Diatoms, by Yu. G. Kabanova.

RUSSIAN, per, Trudy Inst Okeanol., No 47, 1961,
pp 203-216.

Sci - Biol/Med Sci

Jul 63

Dept of Interior
SR211 E82 No 468

ML 1/1: 5212.1 1962 (S211) (2 v.)
ML 1/1: 5212.4 1962 (S211) (2 v.)

235,662

FOULING IN SOVIET WATERS OF THE SEA OF JAPAN,
BY N. I. TARASOV, 78 PP.

RUSSIAN, PER, TRUDY INSTITUTA OKEANOLOGII, VOL XLIX,
1961, PP 3-59.

JPRS 20045

SCI - BIOL
JUL 63

235,313

On the Methods of Studying Marine Fouling
of Seagoing Ships and Hydrotechnical Structures,
by N. I. Tarasov, N. A. Rudyakova, 7 pp.

RUSSIAN, per, Trudy Instituta Okoologii,
Vol XLIX, 1961, pp 60-64.

Navy TR 3639/HO 175

Sci - Earth Sci & Astron
Dec 63

244,143

Marine Fouling on Vessels Cruising the Sea
of Azov and Kerchenskiy Proliv Kerch' Strait,
by E. M. Lebedev, 28 pp.

RUSSIAN, per, Trudy Instituta Okeanologii,
Vol XLIX, 1961, pp 118-136.

Navy Tr 3684/HO 176
8081 off Intervue
Sci & Earth Sci & Astron
Jan 64 NO 36 248,528

Materials on the Composition of Species of
Algae in the Marine Fouling on Vessels in the
Sea of Azov and the Black Sea, by K. L. Ivanova,
14 pp.

RUSSIAN, per Trudy Instituta Okeanologii,
Vol XLIX, 1961, pp 137-146.

Navy Tr 3594/HO 177
OTS/SLA 63-23759
Sci - Earth Sci & Astron 242,423
Nov 63

The First Stage in the Settlement of
Shipworms in the Sea of Azov, by
P. I. Ryabchikov, I. N. Soldatova, 12 pp.

RUSSIAN, per Trudy Instituta Okeanologii,
Vol XLIX, 1961, pp 147-155.

OTS TT-63-23671
Navy Tr 3595/HO 178

Sci - Earth Sci & Astron
Nov 63

242, 424

The Effect of Variable Salinity Conditions
on the Bivalve Mollusk *Teredo Navalis L.*,
by I. N. Soldatova, 24 pp.

RUSSIAN, per, Trudy Instituta Okeanologii,
Vol XLIX, 1961, pp 162-179.

Navy Tr 3596/HO 179
G75/SLA 63 -23760

Sci - Earth Sci & Astron
Nov 63

242,425

The Reaction of the Black Sea Polychaete Worm
Mercierella Enigmatica Fauvel to Various
Salinities, by Ye. P. Turpaysva, 17 pp.

RUSSIAN, per, Trudy Instituta Okeanologii,
Vol XLIX, 1961, pp 187-199.

OTS TT-63-24190
Navy Tr 3640/HO 180

Sci - Earth Sci & Astron
Dec 63

244,144

The Effect of Various Salinity and Temperature
Conditions on the Growth Rate of *Lepralia*
Pallasiana Moll. Colonies, by R. G. Simkina,
Ye. P. Turpayeva, 7 pp.

RUSSIAN, per, Trudy Institute Okkologii,
Vol XLIX, 1961, pp 200-204.

Navy Tr 3597/HO 181
678/34A 63-2576
Sci - Earth Sci & Astron 242,426
Nov 63

The Reaction of the Black Sea B. Improviusus Darwin
to Reduced Salinities, by Ye. P. Turpayeva,
R. G. Simkina, 27 pp.

RUSSIAN, per, Trudy Institute Okeanologii,
Vol XLIX, 1961, pp 205-223.

OTS TT-63-24189
Navy TR 3641/HQ 182

Sci.
Dec 63

Earth Sci & Astron
244,145

The Effect of Macrofouling on Steel Corrosion in
the Black Sea, p by K. S. Arbuzova, 11 pp.

RUSSIAN, par, Trudy Instituta Okeanologii,
Vol XLIX, 1961, pp 266-273,

Navy Tr 3642/HO 183
Dept of INTELLIGENCE
Sci - Earth Sci & Astron NO 44
Dec 63
244,146

Seasonal Phenomena in Plankton of the World
Ocean. I. Seasonal Phenomena in the Plankton
of High and Temperate Latitudes, by A. K.
Heinrich.

RUSSIAN, par, Trudy Inst Okeanolog. Ak Nauk SSSR,
Vol LI, 1961, pp 57-81.

NLL M 3921

Sci - Biol
Mar 63

~~224, 260~~

Plankton and the Feeding of the Whalebone
Whales, by S. K. Klumov.
RUSSIAN, per, Trudy Inst Okean Ak Nauk SSSR,
Vol LI, 1961, pp 142-156.
St Andrews Station
Ser No 473

Sci
Jul 64

On the Horizontal Circulation of Bottom Waters
in the Black Sea, by D. M. Filippov, 75 pp.
15

RUSSIAN, per, Trudy Institute Okeanologii,
Vol LIII, 1961, pp 112-122.

Navy Tr 3435/HO 188
OTS 63 -1978L
Sci - Earth Sci & Astron
Jul 63 235,770

Regularities in the Distribution of Bottom Sediments
on the Shelf of the Soviet Coast of the Black Sea,
by M. G. Barkovskaya.

RUSSIAN, per, Trudy Inst Okean, Vol. LIII, Moscow,
1961, pp 123-148.

*Navy Oceanographic Office Tr-250

Sci - Earth Sci
Jan 65

Some Results of the Investigation of Black Sea
Interstitial Water, by O. V. Shishkina. 15 pp.
RUSSIAN, per, Trudy Inst Okeanologiy, Vol 54,
1962, pp 47-57.

Dept of Interior

BCP/OFF

A-37-March 1970-No 17

On Loan

Dept of NAVY/NCO TR-354

NTC-69-16184-OPJ

Sci-Bar Sci

June 70

Chemistry of Sea Water, by S. V. Bruevich,
RUSSIAN, per, Trudy Instituta Okeanologiy
Akademii Nauk SSSR, Vol LIV, 1962, 197 pp.
CPSTI TT 66-51027

Sci-Bar Sci
Oct 66

313,092

Methods and Devices for Oceanographic
Research, 187 pp,
RUSSIAN, per, Trudy Instituta Okeanologii
Akademii Nauk SSSR, Vol 55, 1962.
CPSTI TT 66-51028

Sci/Earth Sci
Nov 65

292,041

Methods and Instruments of Oceanological Research,
by V. A. Shirey, V. A. Glazunov, 23 pp.
RUSSIAN, per. Trudy Inst Okeanolog Ak Nauk SSSR,
Vol LV, 1962, pp 3-22.
Navy Tr 3800/ONI 988

Dept Interior G 11 E 57 no 64

Sci - Earth Sci & Astron
Jun 64

261,180

X

Deep Water Photothermograph, by V. A. Shirey,
V. A. Glazunov, 6 pp.
RUSSIAN, per, Trudy Inst Okeanolog Ak Nauk SSSR,
Vol LV, 1962, pp 23-28.
Navy Tr 3800/ONI 988

Sci - Earth Sci & Astron
Jun 64

261,181

Some Results of the Investigation of Black
Sea Interstitial Water, by O. V. Shishkina.

12 pp.

RUSSIAN, per, Trudy Inst Okeanologiy, Vol 54,
1962, pp 47-57.

NAV/NOC/Tren-354-69

Sci-Bar Sci
Dec 69

398,973

The Study of the Bottom of the Mediterranean Sea
With the Help of an Underwater Television Set, by
V. A. Shirey, V. A. Glazunov, 11 pp.
RUSSIAN, per, Trudy Inst Okeanolog Ak Nauk SSSR,
Vol. 11, 1962, pp. 107-116. 9194887
Navy Tr 3800/ONI 988

Sci - Earth Sci & Astron
Jun 64

261,182

Oceanological Investigations in the
Atlantic Ocean,
RUSSIAN, per, Trudy Inst Okeano Ak Nauk
SSSR, Vol LVI, 1962, 312 pp.
*CFSTI

TT 66-51029

Sci - Earth Sci & Astron
Mar 66

A brief climatic characteristic of Korf-
Karaginskij region, by V. G. Snopkov,
Tr. Inst. okeanol., Vol 57, 1961, pp 3-8
NLL 9022.55 (F. 161)

323,899

Sci - Meteor, Cli
Apr 67

Cyclone activity in the north Pacific
Ocean, by V. V. Luk'yanov,
RUSSIAN, per, Tr. inst. okeanol., Vol 57
1962, pp 50-75
NLL 9022.551 (436 M)

323,915

Sci - Meteor, Cli
Apr 67

TT-63-23698

Vorozina, N. M.
ON THE SURFACE ZOOPLANKTON OF THE INDIA
OCEAN, tr. by W. G. Van Campen. Dec 62, 20p
15refs
Order from OTS, SLA, or ETC \$1.60 TT-63-23698

I. Vorozina, N. M.
II. Fish and Wildlife Service,
Washington, D. C.

Trans. of [Akademiya Nauk SSSR, Institut Okeanologii:
Trudy] 1962, v. 58, p. 67-79. (Abstract available)

DESCRIPTORS: *Plankton, *Indian Ocean, Aquatic
animals, *Crustacea, Marine biology,

A total of 144 samples of surface plankton were ex-
amined, collected during the 31st cruise of R/V Vitiaz
in the northern part of the Indian Ocean during the
Northeast monsoon in 1959-60. The inhabitants most
typical of the surface layer are copepods of the family
Pontellidae. Twenty-three species were found belonging
to this family; 8 of them were found only once. The
(Biological Sciences--Zoology, TT, v. 11, no. 9)(over)

Office of Technical Services

The Meridional Heat Transport in the Lower
Troposphere and Anomalies of the Temperature
Regime in the North Part of the North
Atlantic Ocean, by Yu. A. Shishkov.

RUSSIAN, per, Trudy Inst Okeanolog Ak Nauk,
Vol LVII, 1962, pp 156-199.

NLL Ref: 5828.4 1963 (5458) (loan)

May 64

The Greenling Family and the Possibility of its
Transplantation Between two Oceans, b 203 pp.
RUSSIAN, rpt, Trudy Akademii Nauk SSSR,
Instituta Okeanologii, Vol 59, 1962.
*CFSI TT 69-55097

sci/b and m
may 69

S-475/63

Fouling in Soviet Waters of the Sea of Japan,
by N. I. Tarasov. (SF-2684)

RUSSIAN, per, Trudy Instituta Okeanologii, Vol LIX,
1964, pp 3-59.

*JPRS

Sci - Biol/Med Sci

May 63

THE GREENLINGS AND THEIR INTRODUCTION INTO THE
NORTHERN SEAS OF THE USSR, BY T. S. RASS.
16 PP.

RUSSIAN, PER, TRUDY INSTITUTA OKEANOLOGII,
VOL LIX, 1962, PP 191-203.

JPRS 18561

SCI - BIOL & MED

226,511

APR 63

A METHOD OF COLLECTION, TRANSPORTATION AND
POST-INCUBATION OF PLEUROGRAMMUS AZONUS ROE,
BY YU. I. ORLOV, L. V. POLIKASHIN, L2 PP.

RUSSIAN, PER, TRUDY INSTITUTA OKEANOLOGII,
VOL LIX, 1962, PP 183-190, 18X

JPRS 1856L

SCI - BIOL & MED
APR 63

226,510

Problems of Physical Oceanology.
RUSSIAN, per, Trudy Inst Okean Ak Nauk SSSR,
Vol LX, 1962, 197 pp.

*CFSTI
TT 65-51030

Sci - Earth Sci & Astron
Mar 66

The New Data on the Level of the Caspian Sea During
the Historical Period, by R. V. Nikolayeva, S. O.
Han-Magomedov.

RUSSIAN, per, ^Trudy Inst Okeanologii, Ak Nauk SSSR,
Vol IX, 1962, pp 178-188.

NLL(LOAN)Ref: 5828.4 1963 (5437)

Sci-Earth Sci & Astron
April 64

LARVAE OF MACKEREL-LIKE FISH (PISCES, SCOMBRIFORMES)
FROM THE INDIAN OCEAN, BY N. N. GORBUNOVA, 35 PP.

RUSSIAN, PER, TRUDY INST OKEANOLOGII, VOL LXII,
1963, PP 68-95.

JPRS 19784

SCI-BIOL
JUN. 63

234,786

Tavonomy and Distribution of Tarletonbeania, by
B. Ye. Bekker.
RUSSIAN, per, Trudy AN SSSR, Inst Okean., Vol 62, 1963,
pp 145-163.
*NTIS TT 71-53122

June 71

North Pacific Species of the Genus *Protomyctophum*, by
B. Ye. Bekker.
RUSSIAN, per, Trudy AN SSSR, Inst Okean., Vol 62, 1963,
pp 164-191.
*NTIS TT 71-53123

June 71

Deep-Sea Rattails (Pisces, Macruridae) of
the Okhotsk Sea, by T. S. Bass, 18 pp.
RUSSIAN, per, Trudy Institut Ozeanologii,
Vol 62, 1963, pp 211-223.
CPSTI TX-65-64362

324,289

Sci - Earth Sciences and Oceanography
Apr 67

Thermocline in the Ocean, by S. A. Kitaygorodskiy,
B. N. Filyushkin, 36 pp.
RUSSIAN, per, Trudy Inst Okean., Vol LXVI, 1963,
pp 3-28.
Dept of Navy NOO Trans 262
NAV/NOO]

Sci/Ear Sci
Oct 70

Stationary Wind-driven Currents in Non-Homogeneous Ocean of Variable Depth,
by L. M. Fomin.
RUSSIAN, per, Trudy Inst Okeanol, Vol LXVI,
1963, pp 29-45.
*Dept of Navy/Oceanographic Tr 257

Sci - ES
Dec 65

Methods of Evaluating Advection in
the Heat Balance of Seas and Oceans,
by V. S. Samoylenko.
RUSSIAN, per, Trudy Instituta Okeanologii,
Vol LXVI, 1963, pp 46-58.
Dept of Navy Tr No 4602/N00 Tr 256

Sci-E, Sci
Apr 66 299,605

Orders of Magnitude of Oceanological Characteristics, by A. N. Gezentsvoy.
RUSSIAN, per, Trudy Inst Okeanol, Vol LXVI,
1963, pp 91-125.
*Dept of Navy/Oceanograph Tr 260

Sci - RS
Dec 65

Electromagnetic Turbulent Water Flow Velocity
Meter EMK-1, by A. P. Kessner.
RUSSIAN, per, Yeuroz Fiz Chemplokh, Trudy
Instituta Okeanologii, Akademiya SSSR, Vol LXVI,
1963, pp 125-141.
*Navy/APL J306

Sci-W Ear Sci
Feb 65

The Status of Marine Fouling in the Caspian
Sea, by G. B. Zevina, I. A. Kuznetsov,
RUSSIAN, per, Trudy Instituta Okeanologii,
Vol LXX, 1963, pp 3-25.
Dept of Interior
Fish and Wildlife Service
Bureau of Commercial Fisheries

Sci-BM
May 87

326,878

Marine Fouling and Bacteria, by I. V. Starostin,
RUSSIAN, per, Trudy Instituta Okeanologii,
Vol LXX, 1963, 279 pp.
Dept of Interior
Fish and Wildlife Service
Bureau of Commercial Fisheries

Sci-Bar Sci & Ocean
May 67 326,869

Feeding and Helminth Fauna of Whalebone Whales,
by S. K. Klumov.
RUSSIAN, per, Trudy Instituta Okeanologii, Vol LXXI,
1963, pp 94-194.
Fisheries Res Bd of Canada

Sci-Biol/Med
Aug 64

265,121

Tropical Cyclones of the Pacific Ocean, by
V. V. Linkyanov,
RUSSIAN, per, Tr AN SSSR Inst okeanol, Vol 72,
1963, pp 50-72.
NLL Ref: 5828.4F (7032)

Sci/Atmos Sci
Feb 68

349,574

On the Temperature Regime of the Norwegian
and Greenland Seas,
by L. V. Khmelevskaya.

RUSSIAN, per, Trudy Ak Nauk SSSR, Inst Okeanol,
Vol LXXII, 1963, pp 167-177.

Dept of ~~Scien~~ SH211

L9

No 66

Sci - ES
May 66

300,564

Hydrological Researches of the Northern
Part of the Indian Ocean, by J. A. Ivanov.
RUSSIAN, per, Trudy Inst Okeano, pp 22-42, Vol LIV
*Dept of Navy/NOC

Sci - Earth Sci & Astron
Feb 66

The Investigation of the North Indian
Ocean Currents, by A. V. Fomitchev.
RUSSIAN, per, Trudy Inst Okean, Vol LXIV,
pp 43-50.
*Dept of Navy/N00

Sici - Earth Sci & Astron
Feb 66

The Layers of High Salinity in the North
Indian Ocean, by K. D. Sabinin.
RUSSIAN, por, Trudy Inst Okean, Vol LXIV,
pp 51-58.
*Dept of Navy/NOC

Sci - Earth Sci & Astron
Feb 66

On the Possibility of Near Bottom Convection
in Certain Regions of the Indian Ocean, by
B. A. Tareyev.

RUSSIAN, per, Trudy Inst. Okeanol., Vol 64,
1964, pp 59-62.

NIOT/110

319,939
Sci - Earth Sciences and Oceanography
Mar 67

Time Variability of Hydrological
Characteristics in the Northern Part of
the Indian Ocean, by S. G. Panfilova.
RUSSIAN, per, Trudy Inst Okean, vol LXIV,
pp 63-79.
*Dept of Navy/NOC

Sci - Earth Sci & Astron
Feb 66

Primary Production and the Content of Biogenic Elements in the Water of the Indian Ocean From October to April 1960-61, by Yu. G. Kabanava,
13 pp.

RUSSIAN, per, Trudy Instituta Okeanologii, Vol LXIV, 1964, pp 85-93.
Dept of Navy N00 tr 321

Sci-Earth Sci
Nov 67

343,766

Distribution of Nitrates and Nitrites in the
Water of North Indian Ocean, by A. G. Rozanov,
V. S. Bykova. 13 pp.
RUSSIAN, per, Trudy Instituta Okeanologii,
Vol 64, 1964, pp 94-101.
Dept of Navy tr 5349 N00 tr 323

Sci/Earth Sci & Oceanography
Jun 67

327,628

Distribution of Phosphates and Silicic Acid in
the Water of the Northern Part of the Indian
Ocean, by A. G. Rosanov, 19 pp.
RUSSIAN, per, Trudy Instituta Okeanologii, Vol
LXIV, 1964, pp 102-114.
Dept of Navy N00 tr 324

Sci-Earth Sci
Dec 67

346,607

Distribution of Dissolved Oxygen in the
Northern Part of the Indian Ocean, by
V. N. Ivanenkov, V. R.
RUSSIAN, per, Trudy Inst Okean, Vol LXIV,
pp 115-127. 1964
*Dept of Navy/NOC 325

Sci - Earth Sci & Astron
Feb 66

Chlorinity of Interstitial Water in the North
Indian Ocean, by O. V. Shishkina and A. A.
Zhaleanova, 18 pp.
RUSSIAN, per, Trudy Instituta Okeanologii.
Vol LXIV, 1964, pp. 144-153.
Dept of Navy N00 tr 326

Sci/Earth Sci
Sep 67

338,146

Buoy Arrangement for Undistorted Meteorological
Measurements over the Sea, by O.A. Kuznesov.
RUSSIAN, per Trudy Inst. Okeanol., No. 64, 1964, pp
pp 154-157
NLL/9022.551 1965 (320)

Sci -
Aug 67

338-481

Quantitative Distribution of Suspended Matter
in the Surface Water of the North Indian Ocean,
by Ye. I. Gordeyev, 21 pp.
RUSSIAN, per, Tyudy Instituta Okoologii, Vol
LXIV, 1964, pp 202-213.
Dept of Navy N00 tr 327

Sci-Earth Sci
Dec 67

346,608

Vertical Distribution and Diurnal Migrations of
the Main Representatives of Zooplankton in the
Northern Part of the Indian Ocean, by A. G.
Naumov and L. A. Ponosareva, 11 pp.
RUSSIAN, par, Tsentr Institute Okeanologii, Vol
LXIV, 1964, pp 250-256.
Dept of Navy N00 tr 329

Sci-Earth Sci
Dec 67

346,609

Distribution of Net-Sampled Phytoplankton as
Affected by Hydrological Conditions in the
North Indian Ocean, by V. Zernova and U.A.
Ivanov, 8 pp.
RUSSIAH, journal, Trudy Instituta Okeanologii,
Vol LXIV, Moscow 1964, pp. 257-264.
Dept of Navy RNO tr 331

Sci/Marth Sci. and
Oceanography
Nov-Lec 67

351,512

On the Euphasiacea of the Arabian Sea and the
Bay of Bengal, by L. A. Ponomareva.

RUSSIAN, per, Trudy Inst Okeanologii Ak Nauk SSSR,
Vol LXIV, 1964, pp 265-270.

Natl Inst of Oceanography
(Loan)

Sci
Sept 64

NOV/69

Q16T 3241
Dec. 1964

Quantitative Distribution and Trophic Zoning
of Bottom Fauna in the Bay of Bengal and Andaman
Sea, by M. N. Sokolova and F. A. Pasternak.
RUSSIAN, pp. Trudy Inst. Okeanol., Vol LXIV,
1964, pp. 271-296.
Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

USSR
Oceanography
Sept 67

339,236

Quantitative Distribution and Trophic Zoning
of Bottom Fauna in the Bay of Bengal and
Andaman Sea, by M. N. Sokolova, F. A. Pasternak.
RUSSIAN, per, Trudy Inst Okeanologiy, Vol
LXIV, 1964, pp 271-296.
Dept of Navy/NOO Tr 332

Sci-Ear Sci
Aug 67 338158

Heinrich Gel'mikh, A. K. 1964
Surface plankton of the northeast Pacific Ocean (O pripoverkh-
nostnom plankton severo-vostochnoy chasti Tikhogo okeana).
Izdaty Institute Okeanologii, (Akad. Nauk SSSR), 65: 77-94. In
Russian, with English summary.

Translation in progress

Transl. Program
BCF Branch of reports
Seattle, Wn.
Febr. 1965

SP
Original Article Checked

Echo-Sounding Records of Macroplankton
Concentrations and Their Distribution in
the Pacific Ocean, by K.V. Beklemishev,
33 pp.
RUSSIAN, per, Trudy Inst. Okeanologii AN SSSR,
Vol. 65, 1964, pp. 197-229.
Dept of Navy N00 tr 343

Sci/Earth Sci. and
Oceanography
Dec 67-Jan 68 351,526

Machine Processing of Oceanographic Characteristics,
by V. A. Burkov and Ya. L. Tsipis, 80 pp.
RUSSIAN, per, Trudy Instituta Okeanologii, Vol LXXV,
1964, pp. 3-61.

JPRS 30031

NLL RTD 3093
(ON LOAN OR PURCHASE)

USSR
Sci-Math/DP
May 65

279,876

Machine Data Processing of Ships' Surface Observations,
by A. I. Sachkova, 10 pp.
RUSSIAN, per, Trudy Instituta Okeanologii, Vol LXXV,
1964, pp. 62-68.
JPRS 30032

USSR
Sci-Math/DP
May 65

279,877

Automatic Input and Oceanographic Data Processing
By the "Ural-2" Computer, by R. B. Dubina and Yu. V.
Nikolayev, 5 pp.
RUSSIAN, per, Trudy Instituta Okeanologii, Vol LXXV,
1964, pp. 69-72.
JPRS 30033

USSR
Sci-Math/DP
May 65

279,875

Numerical Solution of Tide Hydrodynamic Equations By
Means of BESM-2 Electronic Computer for the Pacific
Area, by K. T. Bogdanov, K. V. Kim, and V. A. Magarik,
34 pp.
RUSSIAN, per, Trudy Instituta Okeanologii, Vol LXXV,
1964, pp. 73-98.
JPRS 30011

USSR
Sci-Phys.
May 65

279,842

The Specialized Electronic Computer "Ocean," by V. P. Vanin, L. I. Galerkin, and Yu. K. Chervychnik, 44 pp. RUSSIAN, per, Trudy Instituta Okeanologii, Vol LXXV, 1964, pp. 99-131.

JPRS 30034

USSR
Sci-Math/DP
May 65

279,878

Hydroacoustic Communications System with
Pulse-Time Signal Modulation, by V. B.
Shekhatov, 19 pp.
RUSSIAN, per, Trudy Instituta Okeanologii,
Vol LXXV, 1964, pp. 157-170.
JPRS 33651

USSR
Sci-ES/A
Jan 66

294,849

Carbon Dioxide Content of the Atmosphere Above
the Pacific and Indian Oceans and Above the Northern
Regions of the Black Sea, by S. V. Liutsarev,

S. V. Bruevich, 15 pp.

RUSSIAN, per, Trudy Ak Nauk SSSR, Inst Okean, No 67,
1964, pp 7-40.

Dept of Interior

BCF/OFF

A-36-Feb 1970-No 61

On Loan

Sci/Atmos
May 70

JPRS CSO: 20469

comp special

20469
8 May 68

Electrosalinometers ES-61 and ES-62 for Laboratory
and Shipboard Use by V.G. Velkov,

Russian, prep. Trudy Instituta Okeanologii, Vol.
67, 1964, pp 230-241, (partial)

USSR/Sci-
Special Type "B" Translator's draft plus one
T.D. 15 May 68 on selected if possible
incl. graphical ~~material~~
PP- Do not mutilate,

Distribution of Plankton Foraminifera in the
Water and on the Floor of the Indian Ocean,
by N. V. Belyayeva. 103 pp.
RUSSIAN, per, Trudy Inst Okeanologiy, Vol 68,
1964, pp 12-83.

Dept of Interior
Bureau of Commercial Fisheries
Office of Foreign Fisheries
A-31-Aug-Spet 1969-No 95
On Loan

Sci-B&M
Nov 69

397,320

Communities of Benthic Fauna in the Western Bering
Sea, by Z. A. Filatova, N. G. Barsanova, 115 pp.
RUSSIAN, per, Trudy Instituta Okeanologiy, No 69,

1964, pp 6-97

Dept of Interior

BCF/OFF

A-35-Jan 1970-No 8

On Loan

NAG/NCS/TRAN - 459-69

Sci/Ear Sci
Apr 70

404,837

Distribution of Benthic Fauna in the Western
Bering Sea by Tropic Zones and Some General Problems
of Tropic Zonation, by A. P. Kuznetsov, 99 pp.
RUSSIAN, per, Trudy Instituta Okeanologiy, No 69,
1964, pp 98-177.

Dept of Interior

BCF/Off

A-35-Jan 1970-No 9

On Loan

NAV/NCC/TRAN - 460-69

Sci/Ear Sci

Apr 70

404,838

Quantitative Distribution of Benthic Macrofauna
in the Black Sea, by M. N. Nikitin, 59 pp.
RUSSIAN, per, Trudy Instituta Okeanologiy,
Vol LXIX, 1964, pp 285-329.
NAV/NOC/Tran-461-69

Sci/B&M
June 70

Macrophytes of the Sakhalin Sea Coast, by
V. B. Vozzhinskaya, 142 pp.
RUSSIAN, per, Trudy Instituta Okeanologiy,
Vol LXIX, 1964, pp 330-441.
NAV/NOO/Tran-462-69

Sci/Ear Sci
June 70

A Marine Flame Photometer and Its Applications,
by L. M. Khitrov and K. A. Kotlyarov.
RUSSIAN, per, Trudy Instituta Okeanologii,
Akademii Nauk SSSR, Vol 75, 1964, pp 135-139.
NLL RTS 3090

Sci-Mat
Nov 67

345,268

Use of Quantometers in Oceanographic Studies,
by Yu. I. Balyaev and L. M. Khitrov.
RUSSIAN, per, Trudy Instituta Okeanologii Akad.
Nauk SSSR, Vol 75, 1964, pp 147-146.
NLL RTS 3089

Sci-Mat
Nov 67

345,267

Coordination Between the Anticyclogenesis in
Subtropical Zones of North and South Pacific
Oceans, by V. D. Burmistrova.

RUSSIAN, per, Trudy Inst Ocean, Vol 78,
1965, pp 5-7.

Dept of Navy NHO Trans 442

Sci-Mar Sci
Sept 69

391,296

Marine Fouling and Boring.

RUSSIAN, per, Trudy Inst Okeanol, Morsk
Gorastan i Drevoto, Vol LXX, 1963, 279 pp.
Dept of Navy Tr 4356/Oceanographic Tr 221

USSR

Mil

Dec 65

292,782

On the Application of FM Information Transmission in Hydrological Instrument-Building,
by V. G. Volkov and B. V. Shakhvatov, 22 pp.
RUSSIAN, par, Trudy instituta okeanologii AN
SSSR, Voprosy metodiki okeanologicheskikh
issledovaniy, Vol 39, 1960, pp. 10-24.
JPRS 32035

USSR
Sci-ES/A
Nov 65

291,124

The Dependence of the Properties of
Alumosilicate Melts on the Phase Com-
position Diagram and Covalency of Bonds,
by E. V. Ermolaeva. 13 p.
RUSSIAN, per, Trudy Fiz-Khim. Osnovy Proizv.
Stali, Moscow, No 6, 1961, pp 187-195.
SLA TT-65-64235

Sci-M&M
Jul 66

305,592

Trudy Inst Ordzhonikidze, Elektronny Radioimpulsnyye Vychisitelnyye Sistemy Diskrit Deyst,
No 149, 1962, 188 pp.

*FTD-MT-64-69

Aug 67

Shkurenko, N. S.

EXPERIMENTAL DATA ON THE EFFECT OF
OSCILLATION ON THE CUTTING RESISTANCE OF
SOIL (Eksperimental'nye Dannye o Vlyyanii Vibratsii
na Soprotivlenie Gruzov Rezaniyu), [1962] [30]p.
(foreign text included) 4 refs.

Order from OTS or SLA \$2.60

62-18745

Trans. of Akademiya Stroitel'stva i Arkhitektury SSSR,
Institut Osnovanii i Podzemnykh Sooruzhenii, /Trudy/
1958, v. 32, p. 93-103.

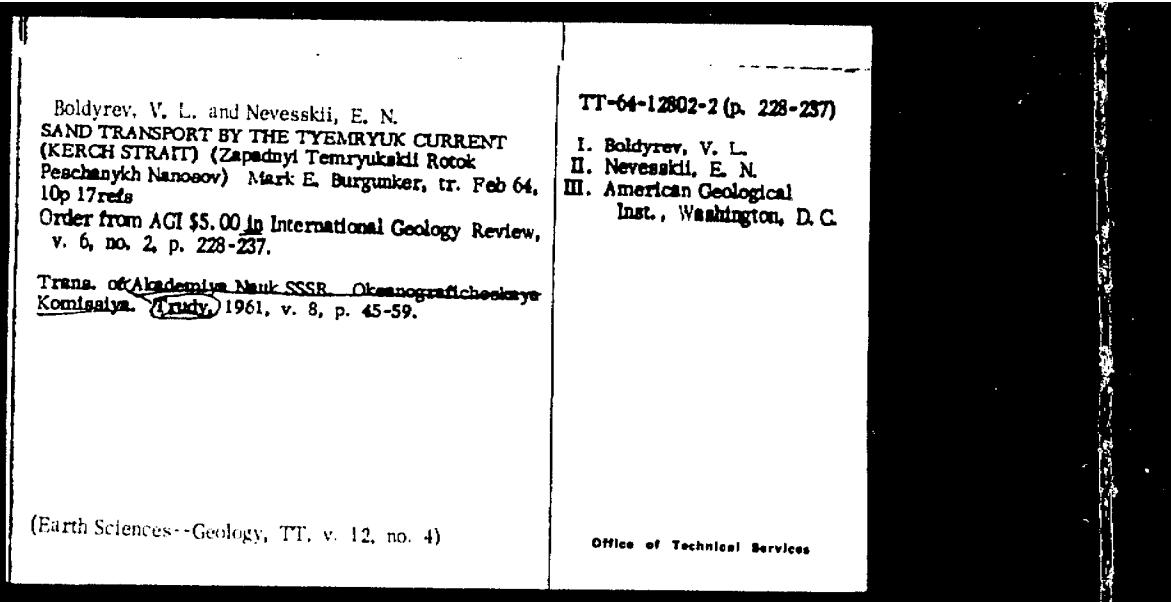
DESCRIPTORS: *Oscillation, *Soils, *Cutting tools,
Resistance, Vibration, Velocity.

The apparatus comprised essentially a 3-wheeled
carriage with an electric motor and vibrator, capable
of imparting vertical or horizontal oscillation at the
rate of 600-3300 c/min. The moment of the eccentric
(Machinery, Fabrications and Accessory Equipment,
TT, v. 10, no. 1) (over)

62-18745

I. Shkurenko, N. S.

Office of Technical Services



S-433/66

DC-11843

Reproducibility of Results and Errors in
Hydrochemical Determinations at sea. Report
II. Effects of water bottles on the chemical
characteristics of samples, by
A. N. Bogoyavlenskiy, 1965, pp 49-59.

*JPRS

Sci-ES Trudy Inst Okeanol, Metody Morskikh
 Gidrokhim Issled, Vol LXXIX.
Nov 65

Description of Genera: Lytvophyllum ~~EDM~~
Dobrolyubova gen. nov, by E. D. Sochkina,
T. Dobrolyubova, G. Porfiriev.

RUSSIAN, per, Trudy Instituta Paleontologiya
SSSR, Akademii Nauk SSSR, Vol V, No 3, 1941,
pp 146-147, 151-153, 158-160, 200-201,
204-205.

Dept of Interior
GEO 557 No 41

168, 389

Sci - Geophys

Sep 61

INTERNATIONAL GEOLOGY REVIEW, VOL. 4, NO. 8,
P. 845-970. Aug 62, Iv. 128 refs.
Order from AGI \$5.00, \$55.00/year

Trans. of [Akademiya Nauk SSSR]. Paleontologicheskii
Institut Trudy, 1948, v. 15, no. 8, p. 5-37; [Kazan]
[Japan] 1960, ser. 2, v. 5, no. 1, p. 25-34; Nauchno-
Issledovatel'skiy Institut Geologii Arkтики. Trudy (USSR)
1959 [v. 98] p. 5-35; Zakonomernost' Razmeshcheniya
Poleznykh Iskopаемых (USSR) 1959, v. 2, p. 136-146;
Akademiya Nauk Armyanskoy SSR [Erevan]. Izvestiya.
[Geologicheskie i Geograficheskie Nauki] 1961, v. 14,
no. 4, p. 37-43; Mineralogicheskii Sbornik (USSR) 1960,
v. 14, p. 86-104; and mono. Trudy Devyatoi Sessii
Komissii po Opredeleniyu Absolyutnogo Vozrasta
Geologicheskikh Formatsiy, Moscow/Leningrad, 1961,
p. 146-164.

62-17230-8

- I. Title: Kimberlites
I. American Geological
Inst., Washington, D.C.

(Earth Sciences--Geology, TT, v. 10, no. 1) (over)

Office of Technical Services

<p>Bekker-Migdisova, E. E. NEW PERMIAN HOMOPTERA OF THE EUROPEAN PART OF THE USSR [Novye Permskie Ravnokrylye Evropeiskot Chasti SSSR]. [1963] [136p. 58 refs. Order from OTS or SLA \$10.50 63-19217</p> <p>Trans. of [Akademiya Nauk SSSR, Paleontologicheskii Institut, Trudy] 1960, v. 76 [111p.]</p> <p>DESCRIPTORS: Taxonomy, *Homoptera, Paleoecology, Geology, Stratigraphy, Distribution.</p> <p>Topics include: History of research on the Permian Homoptera; the stratigraphic importance of the Homop- tera; the taxonomy of the group and its constituents (including keys based on forewing venation); and, a critique of the revisions of J. W. Evans.</p> <p>(Earth Sciences--Geology, TT, v. 10, no. 3)</p>	<p>63-19217</p> <p>I. Bekker-Migdisova, E. E. II. Translations, New York</p> <p>Office of Technical Services</p>
--	--

63-17713-7

INTERNATIONAL GEOLOGY REVIEW, VOL. 5, NO. 7,
P. 791-914. July 63, 1v. 170 refs.
Order from AGI \$5.00, \$55.00/year

Trans. of Akademiya Nauk SSSR. Paleontologicheskii
Institut. Trudy, 1960, v. 83, p. 3-25; Meteoritika
(USSR) 1961, v. 20, p. 103-113; Sovet[skaya] Geol-
[ogiya] (USSR) 1962, no. 1, p. 35-70, 93-103, 131-145,
160-169.

DESCRIPTORS: *Geology, Periodicals, Paleontology,
Genetics, Lead, Iron, Meteorites, Structural geology,
Igneous rock, Metamorphic rock, Volcanoes, Natural
resources, Oils, Gases, Antimony, Ores (Metal
Sources), Radiometers, Geophysical prospecting.

Contents:

Theory of phylogenetic systematics, pt. 1, by V. E.
Ruzhentsev
(Earth Sciences--Geology, TT, v. 10, no. 9) (over)

I. American Geological Inst.,
Washington, D. C.

Office of Technical Services

Korde, K. B.

ALGAE OF THE CAMBRIAN PERIOD ON THE SOUTHEASTERN PART OF THE SIBERIAN PLATFORM. [1962] 28p.

Order from ATS \$29.65

ATS-3SP60R

Trans. of Akad[emiya] Nauk SSSR, Paleontologiches-
kiy list[ut]. Trudy, 1961, v. 89, p. 14-40.

DESCRIPTORS: *Algae, *Paleoecology, Geology,
*Siberia.

62-17742

I. Korde, K. B.
II. ATS-3SP60R
III. Associated Technical Serv-
ices, Inc., East Orange,
N. J.

(Earth Sciences - Geology, TT, v. 89, no. 4)

Office of Technical Services

Non-Isothermic Transfer of Moisture in Tobacco,
by N. N. Alekseyev, 8 p.

RUSSIAN, per, Trudy Inst Pishchevay Fizika, 1956, No 8,
pp 71-80.

SLA 59-17798

Sci
Feb 60
Vol 2, No 10

108,791